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JAMECO® ELECTRONICS

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Jameco Part Number 203481

External

Power Z Series

60-70 Watts

CE Marked - LVD & EMC

•

Efficiency >85%

•

Ultra Miniature Package

•

Light Weight

•

High Power Density

•

No minimum Load

•

Worldwide Safety Approvals

Specification

Input

Input Voltage	•	*90-132/170-264 VAC - autoranging*
Input Frequency	•	*47-63 Hz*
Efficiency	•	*86-90% at 100% load and 230 VAC*

Output

Output Voltage	•	*See Tables*
Hold Up Time	•	*10 ms at 100% load*
Line Regulation	•	*1% from low line to high line*
Load Regulation	•	*3% from 0%-100% load*
Overload Protection	•	*Standard*
Ripple & Noise	•	*500 mV pk-pk max*
Power Up	•	*4 secs max at 115 VAC*

General

MTBF	•	*>200,000 hours at 25°C*
Power Density	•	*≤ 8 W/inch3*
Dimensions	•	*5.2" x 2.3 x 1.2"*
Weight	•	*9oz*

Environmental

Operating Temperature	•	*0 to +40°C*
Storage Temperature	•	*-40°C to +85°C*

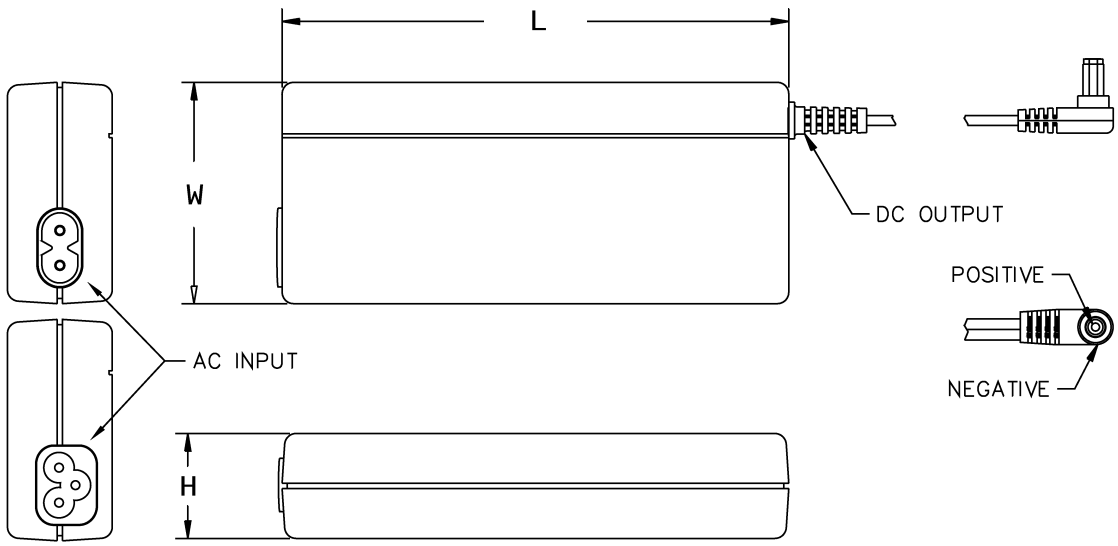
EMC and Safety

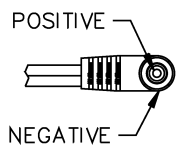
EMI/RFI	•	*EN55022 Class B* *FCC Part 2 and 15 Class B* *CISPR22 Class B*
Safety	•	*IEC950, EN60950* *UL1950, Class 2 SELV*

OUTPUT VOLTAGE & CURRENT RATINGS - SIZE 3

Power		Output	Output Current		Ripple & Noise	Efficiency	Model
Continuous	Peak	Voltage	Minimum	Maximum	PARD Pk-Pk[1]		Number
60 W	65 W	12 V	0 A	5.00 A	120 mV	89%	ZVC60NT12E
		15 V	0 A	4.00 A	150 mV	89%	ZVC60NT15E
65 W	70 W	19 V	0 A	3.40 A	190 mV	90%	ZVC65NT19E
		24 V	0 A	2.70 A	240 mV	91%	ZVC65NT24E
70 W	80 W	19 V	0 A	3.50 A	190 mV	86%	ZVC70NS19E
		24 V	0 A	2.90 A	240 mV	86%	ZVC70NS24E

Mechanical Details





DIMENSIONS			
Case Type	Length (L) in/mm	Width (W) in/mm	Height (H) in/mm
60 & 65 W	4.505/114.43	2.384/60.55	1.15/29.21
70 W	5.24/133.10	2.28/57.10	1.15/29.21

Output Connector

Right angle hollow co axial plug,
2.54 mm inside Ø, 5.49 mm outside Ø.
Centre positive